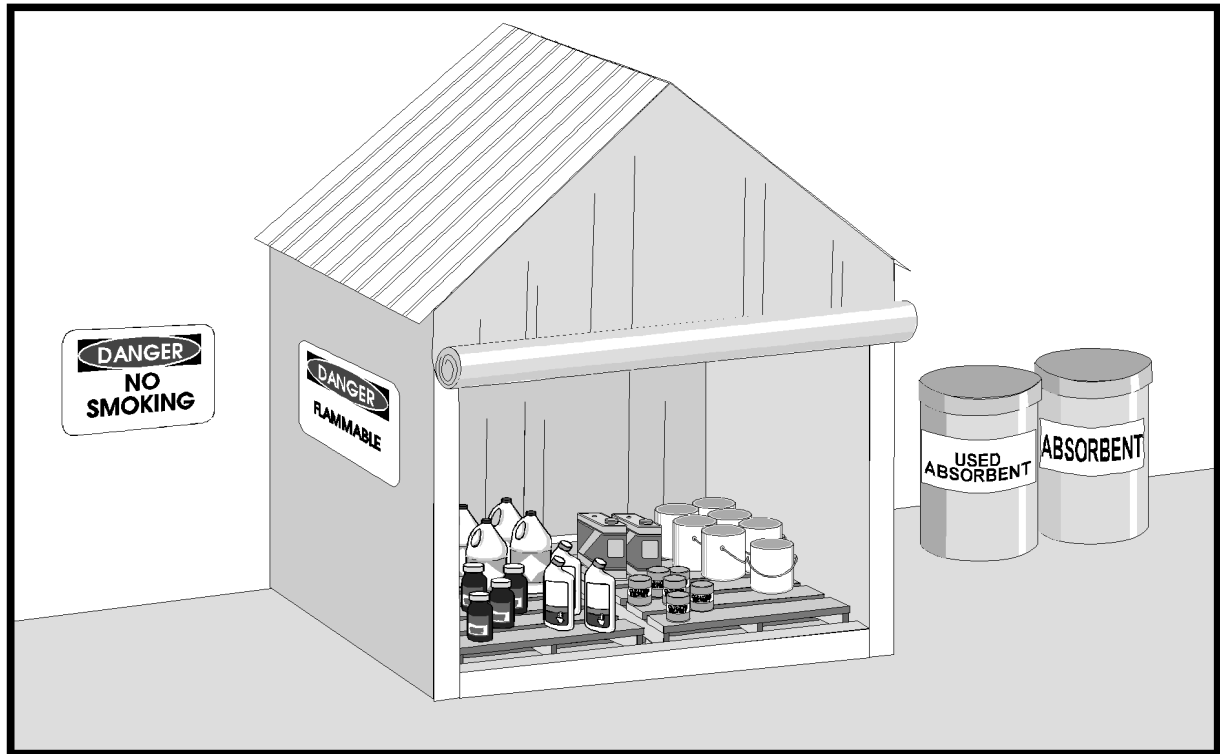


## BMP 052 - Use "Doghouse" Design for Outdoor Storage of Small Liquid Containers



**Description of Potential Pollutant and Source:** Small containers of liquid materials (i.e., paints, solvents, antifreeze, etc.) are often stacked or stored outside. Leaks and spills from these containers can be exposed to storm water and be transported to the storm drain or receiving waters.

**Description of BMP:** Small containers of liquid will be stored properly. Containers can either be stored inside buildings or in "doghouses." The roof and flooring of a doghouse design prevents direct contact of significant materials with storm water. A doghouse design is a term used to describe a storage shed that has two solid structural walls, a roof, and two canvas walls. The structural walls support the structure, while the canvas walls provide easy access to the liquid containers in the shed. Secondary containment, such as berms and curbs, will also be used for this type of structure to contain any leaks or spills that may occur. A doghouse design has two benefits:

1. Protection of liquid containers from direct contact with rainfall
2. Storage of numerous containers in a centralized location without occupying too much space

**Application Guidance:** Liquid containers kept outdoors will be covered at all times.

**Training:** N/A

**Effectiveness and Cost:** This is a moderately effective, moderate-cost BMP.

**Limitations:** Storage sheds often must meet building and fire code requirements, and some fire ordinances may preclude the use of this practice.

